Amendments to the Specification

Please replace the 5th paragraph on page 3, spanning page 4, with the following amended paragraph:

--~~The object of the invention is met with a device according to the preamble as specified in claim 1.~~-- The presented means for the biological adhesion of osteoblasts significantly improve the anchoring of the callus to the membrane. Due to this increased adhesion and corresponding anchoring of the callus to the membrane, there is a significantly greater certainty that the membrane will not be torn from the callus during the distraction. This also allows the callus to be stretched with the same forces as between two bone end pieces. The invention is not limited solely to the regeneration of bone tissue but it is suitable for any type of tissue in which cell proliferation and differentiation are triggered by biomechanical stimulus transfer on the cytoskeleton and tissue growth can be attained, like on an endothelium, for example.--